(f) if no action bad been taken, the reasons therefor?

THE MINISTER OF STATE IN THB MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) to (c) The details of transmission and Distribution losses for the years from 1990-91 to 1992-93 and the total loss of revenue on account of this for these years in Gujarat arc as under:—

| Year | Lou (Rs. crorcs) | Percentage of T&D Losses |
|---|---|---|
| 1990-91 | 496.05 | 23.71 |
| 1991-92 | 559.60 | 23.56 |
| 1992-93 | 611.01 | 22.03 |

The transmission and Distribution losses in Gujarat were 22.03% in 1992-93 as compared to national average of 21.8%

(d) to (f) Various system improvement schemes have been initiated by Gujarat ELectricity Board to reduce T&D losses. These include erection of new Sub-stations, bifurcation of feeders, review of new District transformer centres, changing of deteriorated conductors, checking of connections, installation of electronic meters etc.

**Supply of Steam Generators By BHEL**

5353. SHRI V. NARAYANASAMY: Will the Minister of POWER be pleased to state:

(a) whether the BHEL has begged Rs. 375 crore World Bank financed contract for the supply of 500 MW steam generators for the Vindhayanchal Super Thermal Power Station of the NHPC;

(b) if so, when does it propose to fulfil its contract for the supply of two steam generators for the power station; and

(cl the terms and conditions of the contract?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) The contract for design, manufacturing, erection, testing and commissioning of two steam generators for the 500 MW Units of Vindhyachal Super Thermal Power Project (Stage II) has been awarded to M/s. Bharat Heavy Electricals Limited (BHEL), New Delhi, by Natinal Thermal Power Corporation (NTPC) at a total price of Rs. 371.08 "*-crores.

(b) As per the terms of contract, M/s. BHEL are required to successfully complete trial operation of Unit-I by 24th April, 1999 and that of Unit-II by 25th January, 2000.

(c) the terms and conditions of the contract, in addition to .those mentioned at part (a) & (b) above pertaining to contract price and work schedule, is brief, are as follows:—

(i) *Scope of work:* Design, manufacture, testing, packing and forwarding for supply on ex-works basis, port handling and clearance of imported goods, further loading and inland transportation for delivery at site and providing services; viz., unloading, storage, handling at site, erection, testing, commissioning, including performance of two steam generators for 500 MW units.

(ii) *Price basis:* The contract price^ excluding the price of mandatory r» spares and transportation and insurance charges, is subject to adjustment on account of changes ia the cost of materials and labour, based on the formulae specified in the contract documents.

(iii) *Liquidated damages for delay:* In case, BHEL are unable to successfully complete the trial operations of both the units as agreed to in the contract, they would be required to ^ pay to NTPC as liquidated damages, % not as penelty, for the delay in completion of the trial operations of each steam generator unit as per the rates specified in the contract documents.

(iv) *Terms of payment:* The terras of payment, briefly, are u follows:

*Supply of Equipment:*

| | |
|---|---|
| Intial advance | 15% |
| » Progressive payment on despatch of equipment | 60% |
| V Progressive payment on receipt of equipment at site. | 15% |
| On seccessful completion of performance and guarantee tests of each unit. | 10% |

*Supply of Mandatory spares:*

| | |
|---|---|
| Progressive payment an despatch | 75% |
| Progressive payment on receipt | 25% |

*Erection of equipment:*

| | |
|---|---|
| Initial advance on establishment - of site office | 10% |
| ^m Progressive payment on erection of equipment | 60% |
| On seccessful completion of performance and guarantee tests of each unit. | 10% |

(v) *Contract performance guarantee:* BHEL are required to furnish a contract performance 'guarantee equivalent to ten per cent (10%) of the total contract price. * (vi) *Equipment performance guarantee:* BHEL are rquired to demonstrate certain indentified performance parameters and, in cue BHEL fail to meet *vi* the guaranteed values for some of the performance parameters, they would be required to pay to NTPC liquidated damages at the rates specified in the contract documents.

**Grant of Financial Awktance by United Kingdom for Power Projects**

5354. SHRIMATI BASANTI SARMA: DR. SHRIKANT RAM-CHANDRA JICHKAR:

*" Will the Minister of POWER be pleased to state:

(a) whether the Government of United Kingdom had offered financial resources in the lorra of grs t to the Government of India for utii ation in the power projects;

(b) whether any agreement was signed in this regard;

(c) what is the amount of loan which is offered; and

(d) for what projects this loan will be utilised?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) to (fl) Th« power projects under implementation with grant assistance from UK art indicated below:—

(Million)

| | Name of the Project | Amount of grant (Pound *Sterling*) |
|---|---|---|
| 1. | Uri Hydroelectric Project (4×120 MW) | 17.16 |
| 2. | Hirakud Hydro Rehabilitation Project | 18.80 |
| 3. | Power Sector Project | 30.00 |
| 4. | Energy Efficiancy Project (PFC) | 81.10 |
| 5. | Chandrapur HVDC Back to Back | 63.00 |
| 6. | AP Energy Efficiency Project | 42.70 |

**Extension of Loan Utilisation period to Power Finsnce Corporation**

5355. SHRI PRAGADA KOTAIAH: DR. SHRIKANT RAM-CHANDRA JICHKAR:

Will the Minister of POWER be pleased to state:

(a) whether the- French Government was requested to extend the utilisation period of the French loan given to the power Finance Corporation upto 31st December, 1994;